

AMENDMENTS TO THE CLAIMS

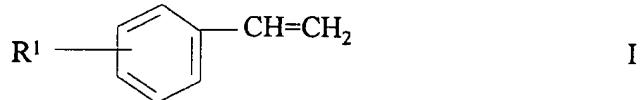
In the claims:

Please cancel claims 1-10, 15, 17 and 18 without prejudice.

Please amend claims 11-14 and 16, as indicated herein.

1-10 (Cancelled)

11. (Currently amended) A resin composition comprising the copolymerization reaction product of a monomer mixture comprising: (1) about 5% to about 25% by weight of a monomer compound of the formula:



wherein R¹ is H, C₁₋₁₀ linear or branched aliphatic or aromatic, OH or OR, wherein R is alkyl or acyl; and (2) about 75% to about 95% by weight ~~based on the total monomer content~~ of a cyclic diolefin component comprising at least about 50% by weight dicyclopentadiene, wherein the ~~reaction product resin~~ has a Mz of less than about 2,000, said resin made by the process comprising the steps of (i) providing a solvent to a reactor; (ii) heating said solvent to a temperature of about 200°C to about 265° C; and (iii) adding ~~a the monomer mixture to the reactor comprising about 5 to about 25% by weight of the compound of formula I in combination with about 75 to about 95% dicyclopentadiene monomer, at a rate such that the concentration of free to consume the monomer~~ compound of formula I ~~monomer at the rate at which it is added in the reactor is held at a minimum at any given time of the reaction to minimize the formation of monomer compound homopolymer.~~

12. (Currently amended) The resin composition of claim 11 wherein ~~said resin composition monomer compound~~ of formula I is selected from the group consisting of styrene, α-methylstyrene, 4-methylstyrene, and mixtures thereof.

13. (Currently amended) The resin composition of claim 11 12 wherein said ~~resin composition monomer compound~~ is styrene.
14. (Currently amended) The resin composition of claim 12 wherein the monomer mixture step (iii) comprises adding about 5 to about 15% by weight of the monomer compound of formula I ~~in combination with and about 75 85~~ to about 95% dicyclopentadiene monomer.
15. (Cancelled)
16. (Currently amended) The resin composition of claim 11 wherein said process further ~~comprising comprises~~ (iv) recovering at least a portion of the solvent and unconverted monomer reactants ~~selected from the group consisting of a compound of formula I and monomer content of a cyclic diolefin and recovered solvent~~ and (v) adding the recovered solvent and unconverted monomer reactants to the solvent of step (i).
17. (Cancelled)
18. (Cancelled)